



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX DEK 13.0026X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 3 [Issue 2 \(2018-09-28\)](#)
Date of Issue: 2022-01-31 [Issue 1 \(2014-02-11\)](#)
[Issue 0 \(2013-05-28\)](#)
Applicant: **PRelectronics A/S**
Lerbakken 10
8410 Rønne
Denmark
Equipment: **Display / Programming Front Type 4510, Modbus Communication Enabler Type 4511 and Bluetooth communication enabler Type 4512**
Optional accessory:
Type of Protection: **Ex ec**
Marking: **Ex ec IIC T5 Gc**

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:

2022-01-31

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands





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Manufacturer: **PRelectronics A/S**
Lerbakken 10
8410 Rønne
Denmark

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[NL/DEK/ExTR13.0025/03](#)

Quality Assessment Report:

[NL/DEK/QAR13.0017/04](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Display / Programming Front Type 4510, Modbus Communication Enabler Type 4511 and Bluetooth communication enabler Type 4512 are detachable front programming display adding Modbus/Bluetooth serial communication to all available PR system 4000/9000 units.

The type code, the ambient temperature range and the temperature class of the modules shall be taken from Table 1, see Annex 1 to Test report NL/DEK/ExTR13.0025/03.

Electrical data

The electrical data of the supply and the input and output circuits shall be taken from Table 1, see Annex 1 to Test report NL/DEK/ExTR13.0025/03.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

The equipment shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to IEC 60079-0, taking into account the environmental conditions under which the equipment is used.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Addition of Display / Programming Front Type 4510 and assessment in accordance with the latest edition of the standards.